Amendments to the Claims

1.   (Currently Amended)   A cathode ray tube comprising:

a panel having a phosphor screen formed on the inner surface thereof;

a funnel joined to the panel at a seal line plane and having a body portion, a yoke portion, a yoke line plane, and a neck portion; and an electron gun mounted to the neck portion of said funnel; wherein

a thickness projection in the body portion of the funnel is provided between a the seal line plane and the neck portion of the funnel extending on both sides of the yoke line plane.

2.   (Canceled)

3.   (Currently Amended)   The cathode ray tube of claim 2 1, wherein
a maximum thickness Tmax and a minimum thickness Tmin of a cross section of said thickness projection satisfies:

$1.5 \leq Tmax/Tmin \leq 4.0.$

4.   (Currently Amended)   The cathode ray tube of claim 2 1, wherein
a thickness of said thickness projection is greater than a thickness of the adjacent body portion of the funnel.

5.   (Currently Amended)   The cathode ray tube of claim 4, wherein
both sides of said thickness projection at the an outer surface of said funnel have is provided with stairs at the ends thereof.

6.   (Currently Amended)   The cathode ray tube of claim 4, wherein both sides of said ~~thickness~~ projection at ~~the~~ an outer surface of said funnel ~~have~~ is provided with ends having curvature.

7.   (Currently Amended)   The cathode ray tube of claim 1, wherein a thickness of said funnel except the thickness projection becomes gradually greater from the neck portion to the seal line plane.

8.   (Original)   The cathode ray tube of claim 1, wherein said panel and said funnel satisfy:

USD/PT ≥2.5

wherein USD is a diagonal length of an effective screen of the panel, and PT is a distance between a central point of an inner surface of said panel and the yoke line plane.

9.   (Original)   The cathode ray tube of claim 8, wherein a deflection angle of the electron beams is no less than or equal to 100°.

10.   (Currently Amended)   The cathode ray tube of claim 8, wherein a cross section of the neck portion ~~is shaped~~ has a non-circular shape.

11.   (Currently Amended)   The cathode ray tube of claim 9, wherein a cross section of the neck portion ~~is shaped~~ has a non-circular shape.

12.   (Original)   The cathode ray tube of claim 1, wherein
a deflecting angle of the electron beams is no less than or equal to
100°.

13.   (Currently Amended)   The cathode ray tube of claim 12, wherein
a cross section of the neck portion is shaped has a non-circular
shape.

14.   (Currently Amended)   The cathode ray tube of claim 1, wherein
a cross section of the neck portion is shaped has a non-circular
shape.

15.   (Currently Amended)   The cathode ray tube of claim 1, wherein
said funnel satisfies:
Tt/Ts≥0.9, Tt/Tn≥1.0, Tt≥0.7mm
wherein A is a plane which is 30 mm apart from the yoke line
plane to neck portion, B C is a plane which is 40 mm apart from the yoke
line plane to the screen, and
Tn is a thickness of said funnel at a position between A and the
yoke line plane, Tt is a thickness of said funnel at the B yoke plane, and
Ts is a thickness of said funnel at a position between the yoke line plane
and the B C.